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Application Number	10/510,647
Filing Date	09/09/2002
First Named Inventor	LONG, Thomas
Group Art Unit	3618
Examiner Name	Ex. Coolman
Attorney Docket Number	CM-020

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		US- 3,874,472		DEANE	04/01/1975	
		US- 4,010,407		LOMBARD	03/01/1977	
		US- 4,018,052		LAUSSERMAIR	04/18/1977	
		US- 4,031,420		CARINI	08/21/1977	6/1977
		US- 4,075,542		SZEGEDY	02/21/1978	
		US- 4,095,665		ARMFIELD	06/20/1978	
		US- 4,103,211		GARDNER, et al	07/25/1978	
		US- 4,131,171		KEYES	12/26/1978	
		US- 4,235,658		ROWLETT	11/16/1980	4023558
		US- 4,309,620		BOCK	01/05/1982	
		US- 4,329,889		ILACIPIYA	05/18/1982	
		US- 4,342,371		SMITLEY	08/03/1982	
		US- 4,423,794		BECK	01/03/1984	
		US- 4,498,552		ROUSE	02/12/1985	
		US- 4,477,764		POLLARD	10/16/1984	
		US- 5,150,034		KYOUKANE, et al	11/22/1992	
		US- 5,309,778		ANTONOV	05/10/1994	
		US- 5,353,578		IRBY, et al	10/11/1994	
		US- 5,425,684		DOUGHERTY	06/20/1995	
		US- 5,582,556		PHUNG	12/10/1996	

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[illegible]**Date Considered**

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		Number	Kind Code ² (if known)			
		US- 5,686,818		SCADUTA	11/11/1997	
		US- 6,034,492		SAITO, et al	03/07/2000	
		US- 6,116,194		KAWAMURA	09/12/2000	6/18/94
		US- 8,267,190	B1	MICHELETTI	07/31/2001	
		US- 6,331,365	B1	KING	12/18/2001	
		US- 6,332,504	B1	ADDS	12/25/2001	
		US- 6,340,339	B1	TABATA, et al	01/22/2002	
		US- 6,358,172	B1	HIEGEMAN	03/19/2002	
		US- 3,493,068		DOOLEY	02/03/1970	
		US- 5,762,161	A	CAIRES, et al	06/1998	
		US- 5,403,244		TANKERSLEY, et al	04/1995	
		US- 6,435,584		K.J. BONNEVILLE	08/2002	
		US- 5,845,731		BUGITONE, et al	12/1998	Buglione
		US- 3,878,913		LIONTS, et al	04/1975	
		US- 3,923,115		HELLING	12/1975	
		US- 4,254,843		HAN, et al	06/1992	
		US- 5,125,469		SCOTT	06/1992	
		US- 5,172,784		VARELA	12/1992	
		US- 5,327,987		ABDELMALEK	07/1994	
		US- 5,917,304		BIRD	06/1999	

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